Appendix A. Completed sock assessments of FSSI stocks for quarters one, two, and three in fiscal year 2021. Information represents the best available knowledge at the time of reporting, and is subject to change.

Completed Assessments for FSSI Stocks - FY 2021 Quarter 1 (October - December, 2020) **Planned Asmt** Model Science Jurisdiction<sup>2</sup> Class<sup>4</sup> Type⁵ Center(s)<sup>1</sup> Adequate? Stock **Notes** Operational **AFSC NPFMC** Red king crab - Norton Sound 5 Stock Yes Assessment Operational Alaska plaice - Bering Sea / Aleutian **NPFMC AFSC** 6 Stock Yes Islands Assessment Stock Arrowtooth flounder - Bering Sea / **NPFMC AFSC** 6 Monitoring Yes Aleutian Islands Update Operational Atka mackerel - Bering Sea / **AFSC NPFMC** 6 Stock Yes Aleutian Islands Assessment Operational Flathead sole - Bering Sea / Aleutian **NPFMC AFSC** 6 Stock Yes Islands Assessment Stock Northern rock sole - Bering Sea / **NPFMC AFSC** 6 Monitoring Yes Aleutian Islands Update Stock Alaska skate - Bering Sea / Aleutian **AFSC NPFMC** 6 Monitoring Yes Islands Update Stock Greenland halibut - Bering Sea / **AFSC NPFMC** Monitoring 6 Yes Aleutian Islands Update Stock Kamchatka flounder - Bering Sea / **AFSC NPFMC** 6 Monitoring Yes Aleutian Islands Update Operational Northern rockfish - Bering Sea / **NPFMC AFSC** 6 Stock Yes Aleutian Islands Assessment Operational **AFSC NPFMC** Pacific cod - Aleutian Islands 2 Stock No Assessment Operational NPFMC. **AFSC** Pacific cod - Bering Sea 6 Stock Yes Assessment Stock Pacific ocean perch - Bering Sea / **AFSC NPFMC** 6 Monitoring Yes Aleutian Islands Update Operational **AFSC NPFMC** Walleye pollock - Bogoslof 6 Stock Yes

Assessment

Completed Assessments for FSSI Stocks - FY 2021 Quarter 1 (October - December, 2020)						
Science			Model	Planned Asmt		
Center(s) <sup>1</sup>	Jurisdiction <sup>2</sup>	Stock	Class <sup>4</sup>	Type⁵	Adequate?	Notes
				Stock		
AFSC	NPFMC	Walleye pollock - Aleutian Islands	6	Monitoring	Yes	
				Update		
	NPFMC	Walleye pollock - Eastern Bering Sea	6	Operational	Yes	
AFSC				Stock		
				Assessment		
	NPFMC	Yellowfin sole - Bering Sea /	6	Operational		
AFSC				Stock	Yes	
		Aleutian Islands		Assessment		
		Sablefish - Eastern Bering Sea / Aleutian Islands / Gulf of Alaska		Operational		
AFSC	NPFMC		6	Stock	Yes	
				Assessment		
		Arrowtooth flounder - Gulf of Alaska		Operational		
AFSC	NPFMC		6	Stock	Yes	
				Assessment		
				Stock		
AFSC	NPFMC	Dusky rockfish - Gulf of Alaska	6	Monitoring	Yes	
		2 33N, 100Mish. Guil of Allaska		Update		
		Flathead sole - Gulf of Alaska	6	Stock		
AFSC	NPFMC			Monitoring	Yes	
	''''			Update		
			6	Stock	Yes	
AFSC	NPFMC	Gulf of Alaska Blackspotted and Rougheye Rockfish Complex		Monitoring		
				Update		
	NPFMC		2	Operational		
AFSC		Yelloweye rockfish - Gulf of Alaska		Stock	No	
				Assessment		
	NPFMC	Northern rock sole - Gulf of Alaska	6	Stock		
AFSC				Monitoring	Yes	
				Update		
	NPFMC	Rock sole - Gulf of Alaska	6	Stock	Yes	
AFSC				Monitoring		
				Update		
	NPFMC	Shortspine thornyhead - Gulf of Alaska	2	Operational		
AFSC				Stock	No	
				Assessment		
	NPFMC	Northern rockfish - Western / Central Gulf of Alaska	6	Stock	Yes	
AFSC				Monitoring		
				Update		
AFSC	NPFMC	Pacific cod - Gulf of Alaska	6	Operational		
				Stock	Yes	
				Assessment		
AFSC	NPFMC	Pacific ocean perch - Gulf of Alaska	6	Operational		
				Stock	Yes	
				Assessment	163	
AFSC	NPFMC	Rex sole - Gulf of Alaska	6	Stock		
				Monitoring	Yes	
				Update	163	
				Opuate	ļļ	

Complete	d Assessme	ents for FSSI Stocks - FY 2021 Quar	ter 1 (Octo	ber - Decemb	er, 2020)	
Science			Model	Planned Asmt		
Center(s) <sup>1</sup>	Jurisdiction <sup>2</sup>	Stock	Class <sup>4</sup>	Type⁵	Adequate?	Notes
(-,				Operational		
AFSC	NPFMC	Walleye pollock - Western / Central	6	Stock	Yes	
	IVI I IVIC	/ West Yakutat Gulf of Alaska	· ·	Assessment	103	
			6	Stock		
SEFSC	GMFMC	Gray Triggerfish - Gulf of Mexico		Monitoring	Yes	Not on initial schedule
JLI JC		Gray Higgerhan - Guil of Mexico	U	Update	163	Not on initial schedule
Complete	d Accoccmo	ents for FSSI Stocks - FY 2021 Quar	tor 2 (Janu		021\	
Science	LU ASSESSIIIE		Model	Planned Asmt	021)	
Center(s) <sup>1</sup>	Jurisdiction <sup>2</sup>	Stock	Class <sup>4</sup>	Type⁵	Adequate?	Notes
Center(3)	Julisalecton	Stock	Ciass		Auequate:	Hotes
NWFSC /	DENAC	Chinook salmon - California Central	2	Operational	Vaa	
SWFSC	PFMC	Valley: Sacramento River Fall	3	Stock	Yes	
				Assessment		
NWFSC /	DENAG	Chinook salmon - Northern		Operational	Yes	
SWFSC	PFMC	California Coast: Klamath River Fall	4	Stock		
				Assessment		
DIECC	\4/D5146	Main Hawaiian Islands Deep 7 Bottomfish	2	Operational	v	Not on initial schedule
PIFSC	WPFMC		3	Stock	Yes	
				Assessment		
		Greater amberjack - Gulf of Mexico	_	Operational		Delayed from Q1, Delayed from 2020
SEFSC	GMFMC		6	Stock	Yes	
				Assessment		
SEFSC	GMFMC	Red snapper - Gulf of Mexico	6	Stock	Yes	Not on initial schedule absent from Q2 Repor
				Monitoring		
			-	Update		-
	HMS	Blacktip shark - Atlantic	6	Operational	Yes	
SEFSC				Stock		
				Assessment		
		Snowy grouper - Southern Atlantic	6	Operational	Yes	Delayed from Q1
SEFSC	SAFMC	Coast		Stock		
				Assessment		
-	d Assessme	ents for FSSI Stocks - FY 2021 Quar				
Science			Model	Planned Asmt		
Center(s) <sup>1</sup>	Jurisdiction <sup>2</sup>	Stock	Class <sup>4</sup>	Type⁵	Adequate?	Notes
		NPFMC Golden king crab - Eastern Aleutian Islands		Operational		
AFSC	NPFMC		5	Stock	Yes	
				Assessment		
	NPFMC	FMC Golden king crab - Western Aleutian Islands		Operational	Yes	
AFSC			5	Stock		
				Assessment		
NIM/ESC /				Operational		
NWFSC /	PFMC	Dover sole - Pacific Coast	6	Stock	Yes	
SWFSC				Assessment		
NIVA/ECC /		Sablefish - Pacific Coast	6	Operational		
NIM/ECC /				I	١ ,,	
NWFSC /	PFMC	Sablefish - Pacific Coast	6	Stock	Yes	
NWFSC / SWFSC	PFMC	Sablefish - Pacific Coast	6	Stock Assessment	Yes	
	PFMC	Sablefish - Pacific Coast	6		Yes	Charle to a retain
	PFMC SAFMC	Sablefish - Pacific Coast Gag - Southern Atlantic Coast	6	Assessment	Yes	Stock transitions to adequate

Completed Assessments for FSSI Stocks - FY 2021 Quarter 3 (April - June, 2021)						
Science			Model	Planned Asmt		
Center(s) <sup>1</sup>	Jurisdiction <sup>2</sup>	Stock	Class <sup>4</sup>	Type⁵	Adequate?	Notes
SEFSC	SAFMC	Red snapper - Southern Atlantic Coast	6	Operational		
				Stock	Yes	
				Assessment		
	SAFMC	Tilefish - Southern Atlantic Coast	6	Operational		
SEFSC				Stock	Yes	
				Assessment		
SWFSC	PFMC	Pacific mackerel - Pacific Coast	6	Operational		
				Stock	Yes	
				Assessment		
SWFSC	PFMC	C Pacific sardine - Pacific Coast	6	Operational		
				Stock	Yes	
				Assessment		

#### **Footnotes**

- 1 NOAA Fisheries Science Centers include Alaska Fisheries Science Center (AFSC), Northeast Fisheries Science Center (NEFSC), Northwest Fisheries Science Center (NWFSC), Pacific Islands Fisheries Science Center (PIFSC), Southeast Fisheries Science Center (SEFSC) and Southwest Fisheries Science Center (SWFSC). In some cases, assessments are conducted by multiple science centers (e.g. NW/SW and SW/PI).
- 2 Jurisdictions include Caribbean Fishery Management Council (CFMC), Gulf of Mexico Fishery Management Council (GMFMC), Atlantic Highly Migratory Species Division (HMS), Mid-Atlantic Fishery Management Council (MAFMC), New England Fishery Management Council (NEFMC), North Pacific Fishery Management Council (NPFMC), Pacific Fishery Management Council (NPFMC), Pacific Fishery Management Council (NPFMC).
- 3 FSSI refers to federally managed stocks and stock complexes included on the Fish Stock Sustainability Index. Non-FSSI refers to federally managed stocks and stock complexes not included on the Fish Stock Sustainability Index. INT refers to international stocks.
- 5 For FY19, the National Stock Assessment Program is adapting how it tracks and classifies its activities related to the provision of harvest recommendations. The changes reflect the guidance established in the 2018 Next Generation Stock Assessment Improvement Plan document. Operational Stock Assessment Activities labeled "Operational Stock Assessments" include analyses that utilize one or more of the categories of stock assessment models described in the "Model Class" field (Footnote 4). Within the range of Operational Stock Assessments will be first time applications of previously researched methods ("new" or "benchmark" assessments); applications with updated data streams and minor revisions to methods within the scope of previously researched themes; and applications that simply update the model with the most recent data.

Stock Monitoring Update - Activities labeled "Stock Monitoring Analyses" generally include activities that provide stock-level advice to fishery managers between stock assessments. These analyses include the methods described in the "Model Class" field (Footnote 4), but only when they are updated using the most recent catch information to develop new catch advice. These are sometimes called partial updates. Because there are no changes in the methods or data series in stock monitoring updates, just updated catch data, the conduct and review of these analyses does not warrant intense scrutiny.

\* Changes in the assessment schedule are indicated by red font.